

## MEETING OF THE BIOLOGICAL CLUB.

TOWNSHEND HALL, April 8th, 1902.

The Club was called to order by the president and the minutes of the previous meeting were read and approved.

The paper of the evening was given by Prof. Cook, who described the various marine biological laboratories of the United States, and illustrated by means of lantern slides from views taken at the laboratories and in their vicinities. The first laboratory of this kind was established on Penekese Island by Prof. Agassiz in 1873. It closed in 1875. Next a laboratory was opened at Annisquan, Massachusetts, by Dr. Hyatt. This is supported by the Woman's Educational Society of Boston and the Boston Society of Natural History.

The marine biological laboratory at Wood's Holl was established in 1888. The first year there were nine investigators and eight students. Now the attendance is about a hundred and fifty each year. The U. S. Fish Commission station is also located at Wood's Holl and Penekese Island is about 13 miles distant. Two other laboratories are situated on the Atlantic Coast, one at Casco Bay, Me., under the direction of Prof. Kingsley, and the other at Cold Springs Harbor, Long Island. On the Pacific Coast there are two laboratories, one of which is controlled by Leland Stanford Jr. University. This is at Pacific Grove, California, and was established in 1892. The University of Minnesota started a laboratory on Vancouver Island in 1901.

ORTON HALL, May 5, 1902.

President Mills being absent, the meeting was called to order by the Vice-President, Mr. Morse. The first paper was by Mr. Davis, and was a review of experiments performed by students in horticulture on the absorption of water by seeds. Prof. Hine gave notes on the life histories of some of the Tabanidae, and mentioned some means of combatting them, which have been tried with more or less success. Prof. Schaffner spoke of the conjugation of *Spirogyra* and of the development of sex in the lower algae. The Club adjourned to meet the first Monday evening in June.

ORTON HALL, June 2, 1902.

Under the head of "Personal Observations," Prof. Schaffner mentioned some woody plants which he has lately found to self-prune. He also gave some notes on the anatomy of flowers of *Castalia* and *Nymphaea*. Prof. Cook explained the formation of

certain bud-galls on oak which have usually been termed stem-galls. The occurrence and habits of the seventeen-year Cicada were discussed by several members of the Club.

A committee of three was appointed by the President to nominate members for the editorial staff of the OHIO NATURALIST for the coming year. The committee reported, but action on the report was deferred to an adjourned meeting to be held Thursday, June 5, at four o'clock.

F. J. TYLER, *Secretary.*

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#### DONATIONS TO THE OHIO STATE UNIVERSITY.

State and General Herbariums—From Prof. Sargent, 115 specimens of woody plants. From Mr. F. H. Burglehaus, Toledo, Ohio, 25 specimens of fungi, 20 mosses, 25 ferns and 135 flowering plants.

Botanic Garden—From Mr. Otto Hacker, Painesville, Ohio, 30 species of living plants.

Zoological Museum—Mr. James Judge, Seal Islands, Alaska, an adult male specimen of the fur seal, *Callorhinus alascanus*, which has been mounted and is now in place in the museum.